

ABSTRACT OF THE DISCLOSURE

CONTACT-KILLING ANTIMICROBIAL DEVICES

Contact killing antimicrobial articles, devices and formulations are described which kill microorganisms on contact. The articles, devices or formulations contain a non-leaching antimicrobial material which is a unique combination of an organic matrix having biocidal metallic materials non-leachably associated with the matrix. The antimicrobial material may be used to form an antimicrobial coating or layer on a surface of the article or device, or may be dispersed in a vehicle or carrier to form a topical antiseptic or disinfectant, or solid shape having contact killing antimicrobial properties. When a microorganism contacts the article, device, or formulation, the biocidal metallic material is transferred to the microorganism in amounts sufficient to kill it.

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